

Mint of the United States.

Philadelphia, January 22nd 1880

Hon. A. Souden Snowden

Supt.

Sir,

I have the honor, to submit to you the following suggestions for the purpose of improving the large, six foot, beam balance.

The present position of this balance in the room allows only a small space on either side for loading and unloading the pan and very often necessitates the opening of both doors, which seriously interferes with the accuracy of weighing.

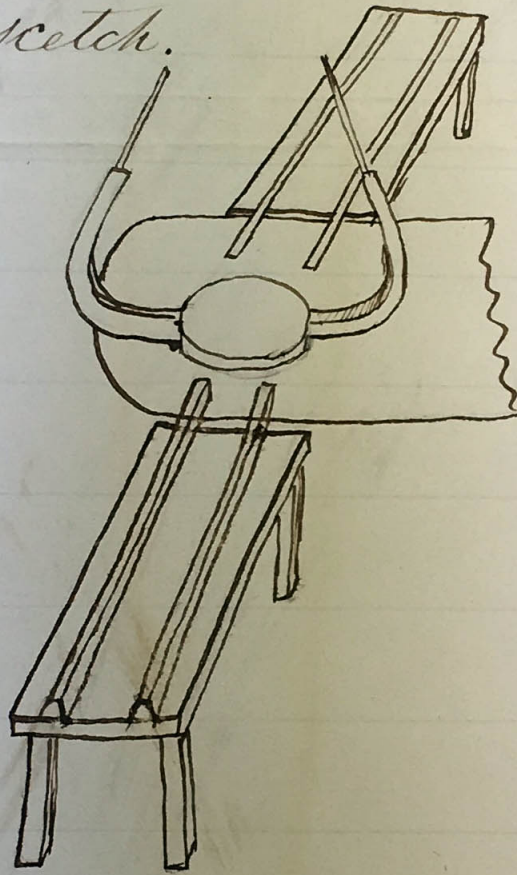
A counterpoise is used in connection with the clipping pans, the latter having recently been made stronger and consequently heavier.

I would therefore respectfully recommend,

1) that a new stone-base be laid as proposed by the Chief Carpenter of the Mint and the balance placed on the same, such changing its position to a right angle

with its present one. This would enable the cars coming in from one side, where the scales could be charged and the material, - having been weighed, taken out on the other.

2.) that two new Ingot benches be made, one for either side as per sketch.



By this arrangement a loaded pan could be brought on the Scale and taken off without much difficulty, provided that the draft does not exceed 5000 lbs. on an average.

3.) that two new brass pans of the same weight as the clipping pans be ordered from Mr. Henry Troemner immediately, in order to avoid the nuisance of the counterpoise.

Very Respectfully
Your obedient servant
A. Westermann.

79 1/2

Mint of the United States,
PHILADELPHIA.

Jan 22. 1880

~~A. LOUBON SNOWDEN,~~

~~Superintendent.~~

A. Wetmain

Subject

Sugg. how to
improve large diff
of balance

No. of Enclosures, 5

Jan 22/80

[Abstract:] Suggestions for improving large six foot beam balance. 79 ½

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Philadelphia,
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I have the honor, to submit to you the following suggestions for the purpose of improving the large, six foot, beam balance.

The present position of this balance in the room allows only a small space on either side for loading and unloading the pan and very often necessitates the opening of booth doors, which seriously interferes with the accuracy of weighing.

A counterpoise is used in connection with the clipping pans, the latter having recently been made stronger and consequently heavier.

I would therefore respectfully recommend,

1.) That a new stone-base be laid as proposed by the Chief Carpenter of the Mint and the balance placed on the same, such changing its position to a right angle with its present one. This would enable the cars coming in from one side, where the scales could be charged and the materials, having been weight, taken out on the other.

2.) That two new Ingot benches be made, one for either side as per sketch.

[See original images for sketch.]

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Very Respectfully,
Your Obedient Servant
A. Westerman